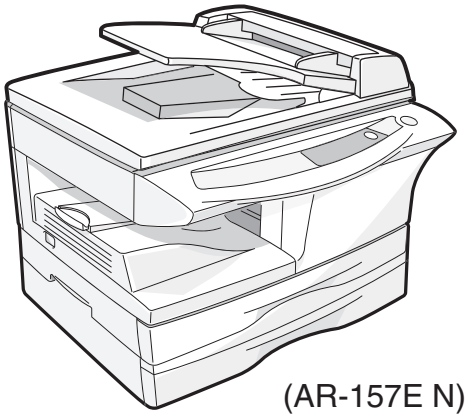
SHARP SERVICE MANUAL

CODE : 00ZAR157ENA1E



(AR-157E N)

DIGITAL LASER COPIER/ PRINTER

AR-122E N
AR-123E
AR-152E N
AR-153E N
MODEL AR-157E N

CONTENTS

The AR-122E N/AR-123E/AR-152E N/AR-153E N/AR-157E N Service Manual describes only changed from AR-122E/AR-152E/AR-153E/AR-157E Service Manual.
For the common contents, please refer to the AR-122E/AR-152E/AR-153E/AR-157E Service Manual (Code: 00ZAR157E/A1E)

	MODEL	Reference MODEL
1	AR-122E N	AR-122E
2	AR-123E	AR-153E
3	AR-152E N	AR-152E
4	AR-153E N	AR-153E
5	AR-157E N	AR-157E

[1] GENERAL . . . . . 1 - 1

• Parts Guide

Parts marked with "⚠" are important for maintaining the safety of the machine. Be sure to replace these parts with the replacement parts specified to maintain the safety and performance of the machine.

SHARP CORPORATION

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[1] GENERAL

1. Major functions

Configurations

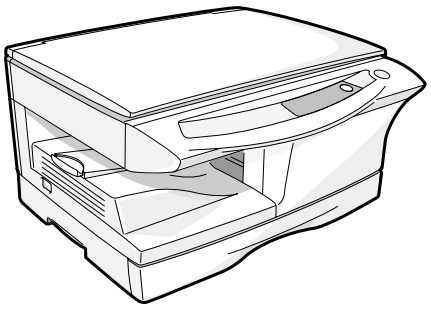
Item / Model	CPM	SB/MB	2 Tray	SPF	R-SPF	Color Scanner	GDI printer	PCL printer	SOPM	Duplex	Memory	FAX
AR-122E N	12CPM	SB	×	×	×	Opt ∗1	Opt ∗1	×	○	×	8M	×
AR-123E	12CPM	SB	Opt	Opt	×	Opt ∗1	Opt ∗1	×	○	×	8M	×
AR-152E N	15CPM	SB	×	×	×	Opt ∗1	Opt ∗1	×	○	×	8M	×
AR-153E N	15CPM	MB	Opt	Opt	×	Opt ∗2	Opt ∗2	×	○	×	8M	×
AR-157E N	15CPM	MB	○	×	○	Opt ∗2	Opt ∗2	×	○	○	16M	×

Descriptions of items

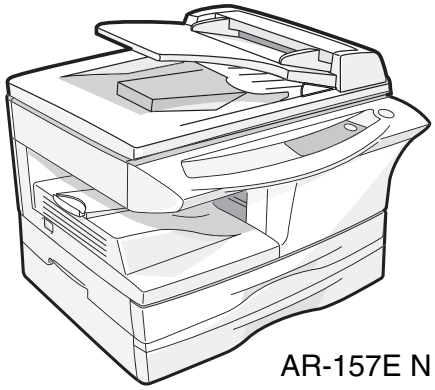
CPM:	Copy speed (Copies Per Minute)
SB/MB:	SB = Manual feed single bypass, MB = Manual feed multi bypass
2 tray:	Second cassette unit.
SPF:	Original feed unit
R-SPF:	Duplex original feed unit
Color scanner:	Color scanner function
GDI printer:	GDI printer function with USB.
PCL printer:	PCL printer function with USB.
SOPM:	Scan Once Print Many function (Many copies are made by one scan.)
Duplex:	Auto duplex copy function
Memory:	Standard page memory
FAX:	FAX function.

Descriptions of table

○: Standard provision
×: No function or no option available
Opt: Option
∗1: AL-12PK/M
∗2: AR-PG2



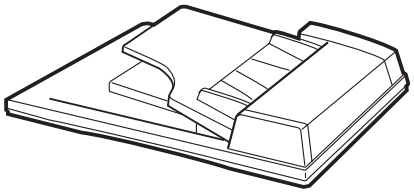
AR-122E N/123E/152E N/153E N



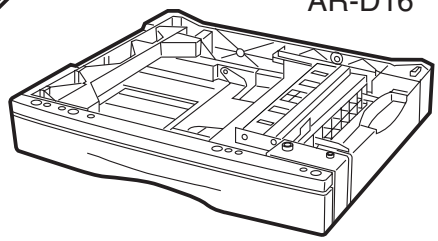
AR-157E N

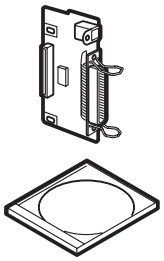
(Options)

AR-SP5

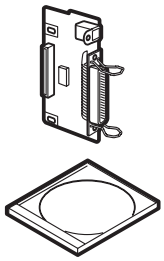


AR-D16





AL-12PK/M



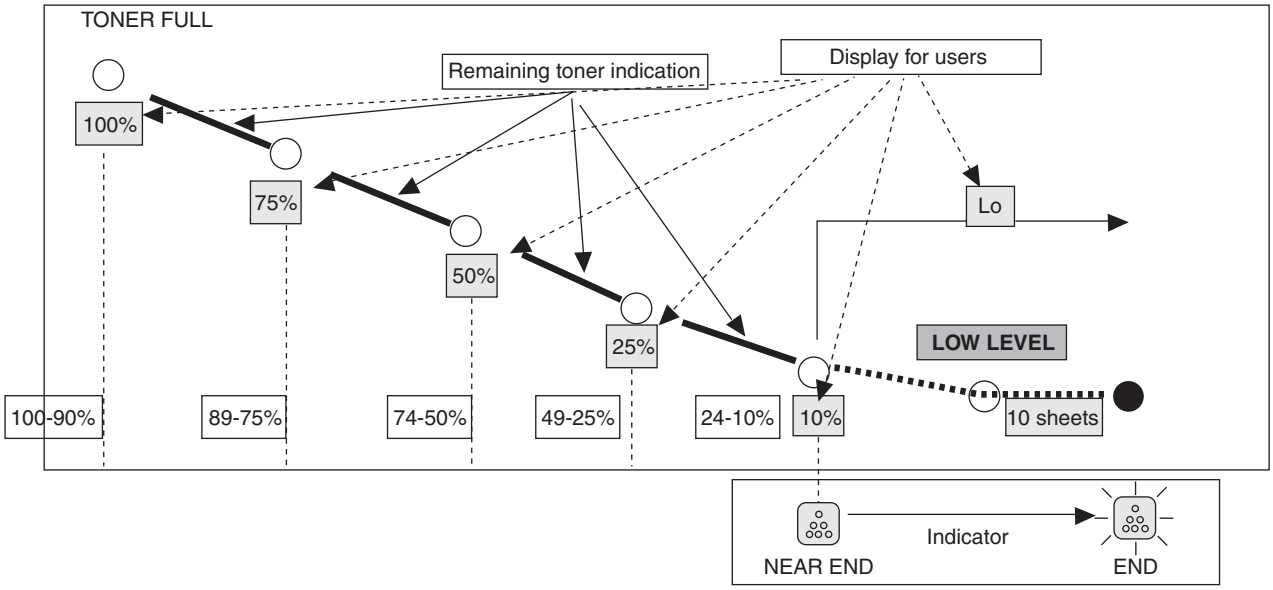
AR-PG2

2. Maintenance display system

Toner	Life	8K	
	Remaining quantity check *1	a. Press and hold the density adjustment LIGHT key for more than 5 sec, and the machine will enter the user program mode. b. Press and hold the "%" key for more than 5 sec, and the remaining quantity will be displayed on the copy quantity display in one of the following levels: (Remaining quantity display levels: 100%, 75%, 50%, 25%, 10%, LO) c. Press the density adjustment LIGHT key to cancel.	
	Remaining quantity	NEAR EMPTYAbout 10%	EMPTY
	LED	ON	Flash
	Machine	Operation allowed	Stop
Developer	Life	25K	
	LED	ON at 25K of the developer count.	
	Machine	Selection is available between Not Stop and Stop by Service Simulation (SIM 26-37) Setup. (If Stop is selected, the LED will flash and stop at 25K.) * Default: Not Stop * Clear: SIM 24-06	
Maintenance	LED	Selection is available among 25K, 13K, 9K, 6K, 3K, and free (no lighting) with SIM 21-1. * Default: 25K * Clear: SIM 20-1	
	Machine	Not stop.	

*1: Installation of a new toner cartridge allows to display the remaining quantity.
The remaining toner indication is based on the number of revolutions of the toner motor.

3. Remaining toner indication



- The remaining toner indication is based on the number of revolutions of the toner motor.
- The toner END indication appears when the END is detected by the toner sensor, or when the number of revolutions of the toner motor reaches a given number (equivalent to 8K), whichever comes first.

4. Additional simulation and trouble code

- Simulation

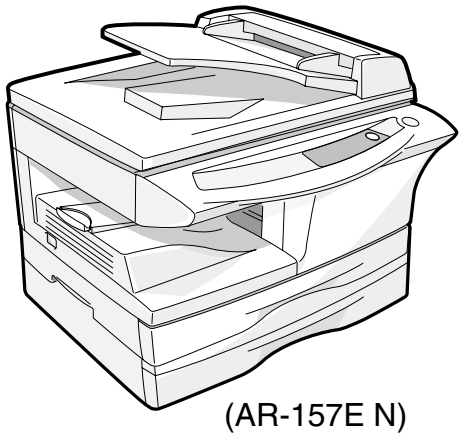
<table>
<tr><th>Main code</th><th>Sub code</th><th>Content</th></tr>
<tr><td>26</td><td>55</td><td>CRUM Destination Indication
When the simulation is executed, the CRUM destination currently set (saved) in the CRUM chip is displayed.
<table>
<tr><th>Code number</th><th>Setup</th></tr>
<tr><td>00</td><td>No set</td></tr>
<tr><td>01</td><td>BTA-A</td></tr>
<tr><td>02</td><td>BTA-B</td></tr>
<tr><td>03</td><td>BTA-C</td></tr>
<tr><td>99</td><td>Conversion</td></tr>
</table>
</td></tr>
</table>

- Trouble codes

Main code	Sub code	Trouble content
F2	04	Toner cartridge error
U2	40	Main IC chip read error

SHARP PARTS GUIDE

CODE:00ZAR157EN/P1



(AR-157E N)

DIGITAL LASER COPIER / PRINTER

MODEL AR-122E N AR-123E AR-152E N AR-153E N AR-157E N

CONTENTS

1 Exteriors
3 RSPF exteriors (AR-157E N)
4 RSPF transport unit (AR-157E N)
6 Operation panel
7 Side door unit
8 Optical frame
10 Delivery paper guide unit
11 Middle frame
12 Base plate unit 1
13 Base plate unit 2
14 Fusing unit
15 Drive unit
18 Single manual paper feeding unit (AR-122E N/123E/152E N)
22 250 sheets tray
23 Harness
26 Packing material & accessories
28 MCU PWB
■ Index

	MODEL	Reference MODEL
1	AR-122E N	AR-122E
2	AR-123E	AR-153E
3	AR-152E N	AR-152E
4	AR-153E N	AR-153E
5	AR-157E N	AR-157E

[Note]

The AR-122E N/AR-123E/AR-152E N/AR-153E N/AR-157E N Parts Guide describes only changed from AR-122E/AR-152E/AR-153E/AR-157E Parts Guide.
For the common parts, please refer to the AR-122E/AR-152E/AR-153E/AR-157E Parts Guide (Code: 00ZAR157E//P1)

Because parts marked with "⚠" is indispensable for the machine safety maintenance and poeration, it must Be replaced with the parts specific to the product specification.

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DEFINITION

The definition of each Rank is as follows and also noted in the list

A: Parts necessary to be stocked as High usage parts.
B: Parts necessary to be stocked as Standard usage parts.
C: Low usage parts.
D: Parts necessary for refurbish.
E: Unit parts recommended to be stocked for efficient after sales service.
Please note that the lead time for the said parts may be longer than normal parts.
S: Consumable parts.
Please note that the following parts used in Copier under the same description are classified into A or B Rank depending upon the place used.
Example: Gear made of Metal, Sprocket, Bearing, Belt made of Rubber, Spring clutch mechanism.
ARank : The parts which may be with the revolution or loading.
BRank : Parts similar to A Rank parts, but are not included in Rank A.

Because parts marked with "⚠" is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

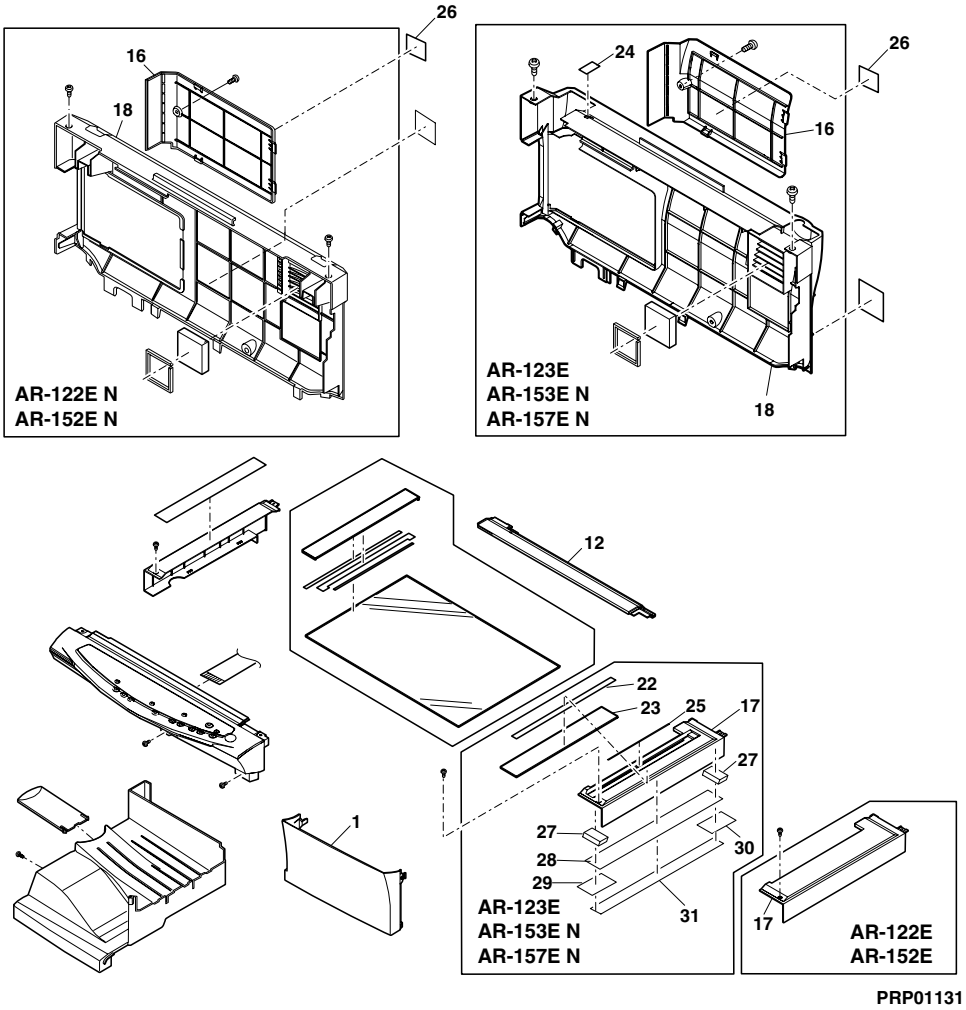
○ Other than this Parts Guide, please refer to documents Service Manual (including Circuit Diagram) of this model.
○ Please use the 13 digit code described in the right hand corner of front cover of the document, when you place an order.
○ For U.S. only-Use order codes provided in advertising literature. Do not order from parts department.

---

1 Exteriors

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	CCAB-0003QS23	AS		D	Front cover	(AR-122E N/123E/152E N)
	CCAB-0003QS26	AS		D	Front cover	(AR-153E N/157E N)
12	GCOV-0045QSZZ	AG		D	Rear cover SPF	(AR-157E N)
	GCOV-0045QSZ1	AG		D	Rear cover OC	(AR-122E N/123E/152E N/153E N)
16	PCOVP0035QSJZ	AL		D	Rear exterior cover JAG	(AR-122E N/152E N)
	PCOVP0040QSJZ	AL		D	Rear exterior cover SPF	(AR-123E/153E N/157E N)
17	GCAB-0062QSZ1	AL		D	Right exterior OC	(AR-122E N/152E N)
	GCAB-0062QSZZ	AL		D	Right exterior	(AR-123E/153E N/157E N)
18	GCAB-0021QSJ1	AY		D	Rear exterior	(AR-122E N/152E N)
	GCAB-0026QSJ2	AZ		D	Rear exterior SPF	(AR-123E/153E N/157E N)
22	PTPE-0044QSZZ	AC		C	Slit glass tape	(AR-123E/153E N/157E N)
23	PGLSP0008QSZZ	AH		B	SPF glass	(AR-123E/153E N/157E N)
24	PSHEZ0181QSJZ	AC		C	Rear cabinet maylar	(AR-123E/153E N/157E N)
25	PTPE-0010QSZZ	AC		C	Slit glass tape	(AR-123E/153E N/157E N)
26	TLABZ0058QSZZ	AD		D	Class 1 label	(Except U.S.A,Soudi arabia)
27	PMLT-0069QSZZ	AA		C	Ground malt	(AR-123E)
28	PSHEZ0404QSZZ	AF		C	Right cabinet ground sheet	(AR-123E)
29	PTPE-0047QSZZ	AC		C	Ground tape F	(AR-123E)
30	PTPE-0048QSZZ	AA		C	Ground tape R	(AR-123E)
31	PTPE-0049QSZZ	AC		C	Right cabinet ground tape	(AR-123E)

1 Exteriors

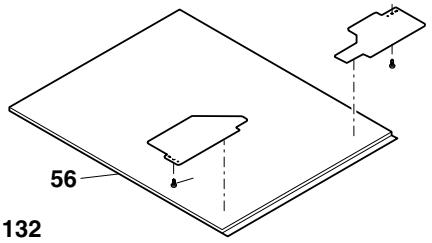


PRP01131

3 RSPF exteriors (AR-157E N)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
56	P C U S S 0 0 2 5 Q S Z 1	AQ		D	OC mat

3 RSPF exteriors (AR-157E N)

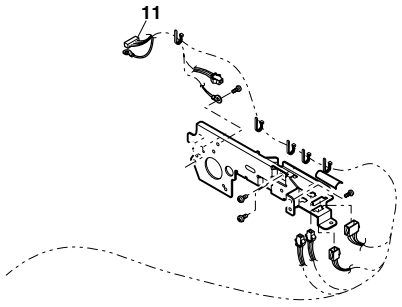


PRP01132

4 RSPF transport unit (AR-157E)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
11	D H A i – 0 3 0 4 Q S Z Z	AP		C	R-SPF interface harness

4 RSPF transport unit (AR-157E)

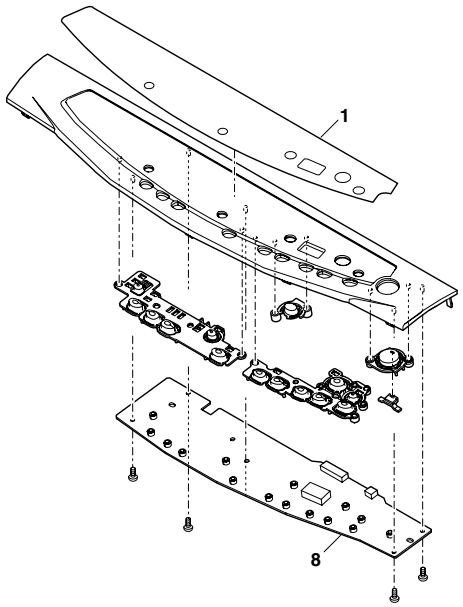


PRP01133

6 Operation panel

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	CPNLH00023QSZ6	AT	N	D	Panel	(AR-122E N Other Countries)
	CPNLH00023QSZ7	AT	N	D	Panel	(AR-122E N Philippines)
	CPNLH00023QSZ8	AT	N	D	Panel	(AR-152E N)
	CPNLH00023QSZ9	AT	N	D	Panel	(AR-153E N)
	CPNLH00023QSZ0	AT	N	D	Panel	(AR-157E N)
	CPNLH00023QSZ3	AT	N	D	Panel	(AR-123E STCL)
	CPNLH00023QSZ4	AT	N	D	Panel	(AR-123E Philippines)
8	CPWBF01113QSE8	BB		E	Operation PWB	(AR-122E N/152E N)
	CPWBF01113QSE9	BB		E	Operation PWB	(AR-123E/153E N)
	CPWBF01113QSF0	BB		E	Operation PWB	(AR-157E N)

6 Operation panel

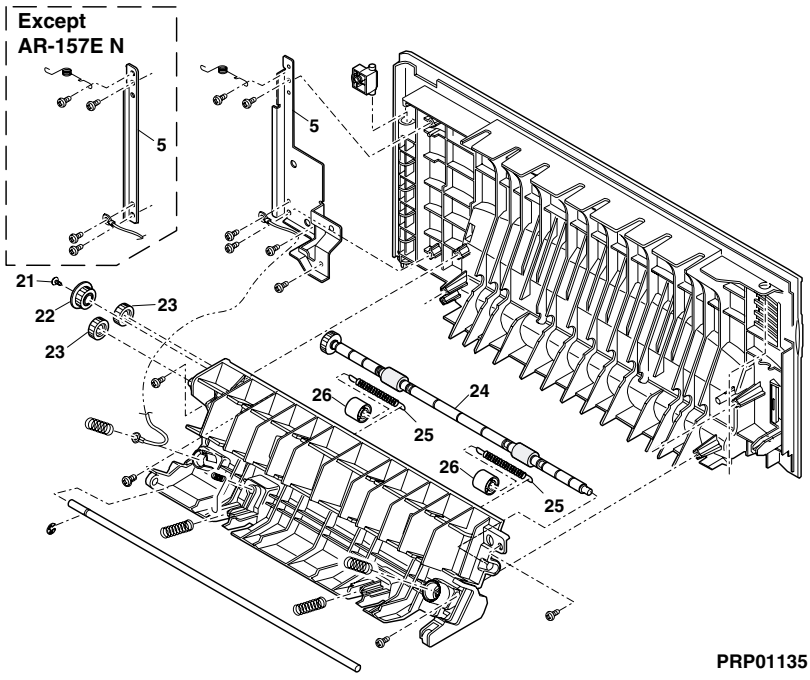


PRP01134

7 Side door unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
5	LPLTM00043QSZZ	AD		C	Earth plate	(AR-122E N/123E/152E N/153E N)
	LPLTM01132QSZZ	AH		C	Earth plate	(AR-157E N)
21	XEPSD30P08X00	AA		C	Screw(3×8)	(AR-157E N)
22	NGERH00048QSZZ	AE		C	DUP drive gear	(AR-157E N)
23	NGERH00051QSZZ	AE		C	DUP drive gear A	(AR-157E N)
24	NROLP00025QSZZ	AM		C	DUP drive roller	(AR-157E N)
25	MSPRC00050QSZZ	AB		C	DUP pressupe spring	(AR-157E N)
26	NROLP11122FCZZ	AF		C	PS upper roller	(AR-157E N)

7 Side door unit

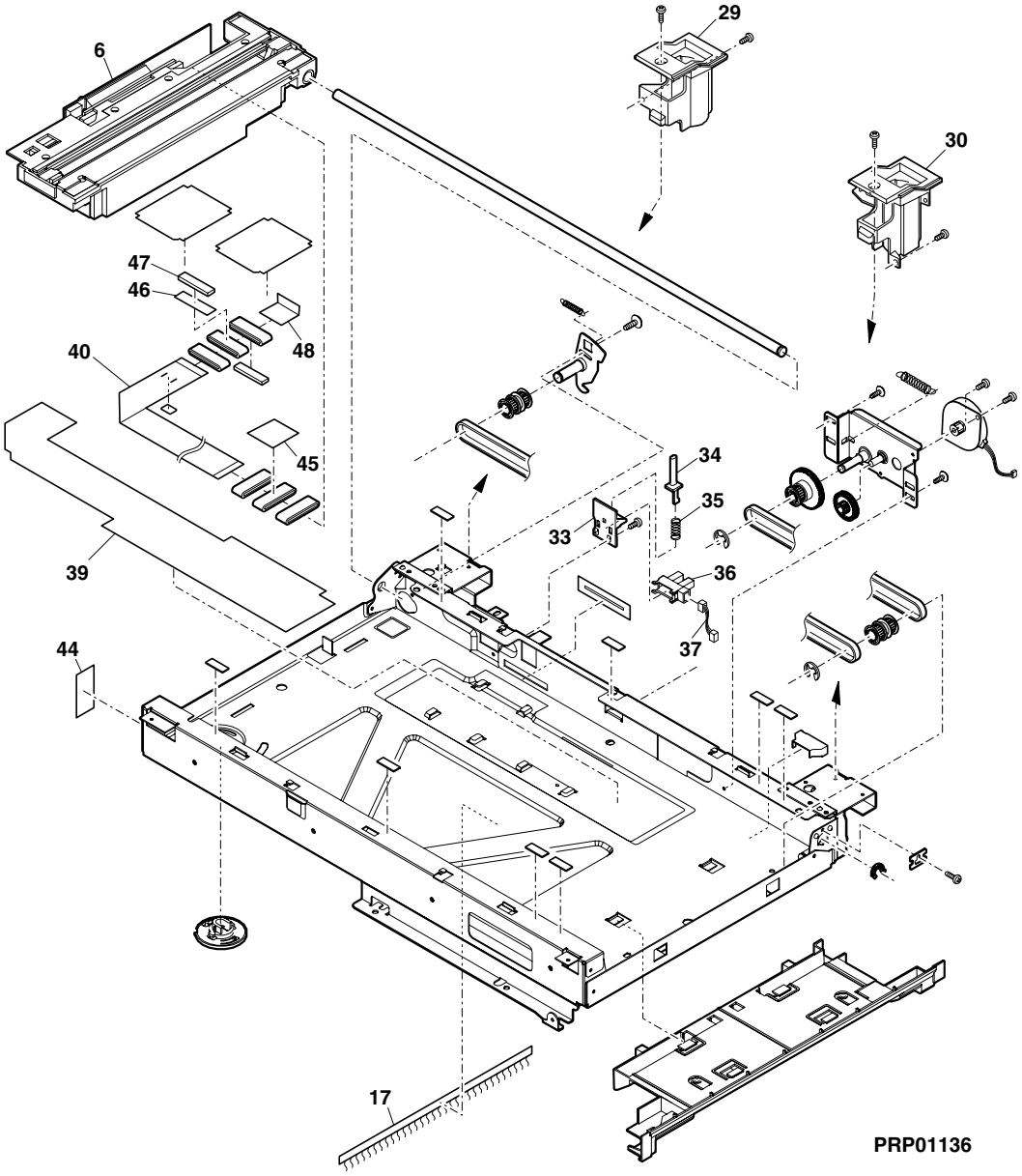


PRP01135

8 Optical frame

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
6	DUNT-0276QSZZ	BT		E	Carriage unit	(Other Countries)
	DUNT-0276QS11	BT		E	Carriage unit	(Europe,AR-123E)
17	PBRSR0002QSZ1	AH		B	Discharger brush	(Other Countries)
	PBRSR0002QSZ2	AG		B	Discharger brush	(U.S.A,Soudi arabia,AR-123E)
29	PGiDM0059QSJZ	AG		C	OC hinge guide L	(AR-123E/153E N)
	PGiDM0019QSJZ	AH		C	SPF hinge guide L	(AR-157E N)
30	PGiDM0060QSJZ	AF		C	OC hinge guide R	(AR-123E/153E N)
	PGiDM0020QSJZ	AH		C	SPF hinge guide R	(AR-157E N)
33	LPLTP0131QSZZ	AD		C	Book sensor attachment plate	(AR-157E N)
34	MLEVP0047QSE1	AD		C	Book sensor ACT	(AR-157E N)
35	MSPRC0153QSZZ	AB		C	Book sensor spring	(AR-157E N)
36	VHPGP1A71A1-1	AG		B	Photo transistor(GP1A71A1)	(AR-157E N)
37	DHAi-0303QSZZ	AD		C	Harness	(AR-157E N)
39	PSHEZ0389QSZZ	AH		C	Scanner sheet	(Other Countries)
	PSHEZ0389QSZ1	AK		C	Scanner sheet	(Europe,AR-123E)
40	DHAi-0268QSZZ	AZ		C	CCD-MCU harness	(Other Countries)
	DHAi-0268QSZ1	AH		C	CCD-MCU harness	(Europe,AR-123E)
44	PSHEZ0403QSZZ	AG		C	Noise sheet	(Europe,AR-123E)
45	PSHEZ0401QSZZ	AG		C	Scanner core sheet	(Europe,AR-123E)
46	PTPE-0046QSZZ	AB		C	Core double-sided tape	(Europe,AR-123E)
47	PMLT-0068QSZZ	AC		C	Core holder malt	(Europe,AR-123E)
48	PSHEZ0400QSZZ	AG		C	PWB core miler	(Europe,AR-123E)

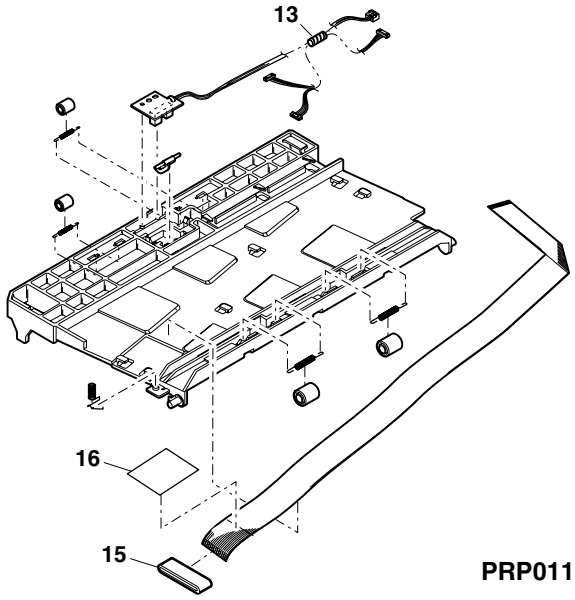
8 Optical frame



10 Delivery paper guide unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
13	PTUBP0005QSZZ	AC		C	Tube (AR-157E N)
15	RCORF0018QSZZ	AR		C	FFC core (Europe,AR-123E)
16	PSHEZ0402QSZZ	AG		C	Panel core sheet (Europe,AR-123E)

10 Delivery paper guide unit

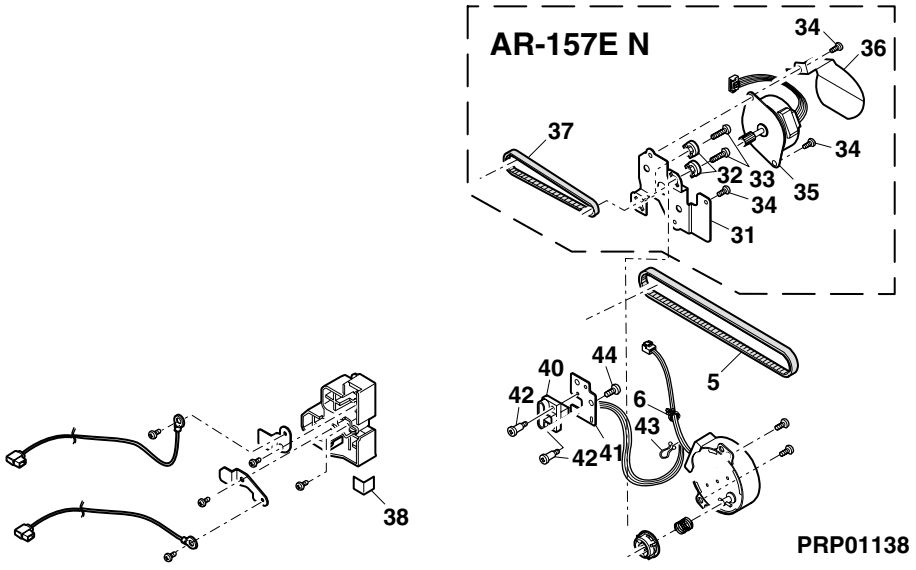


PRP01137

11 Middle frame

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
5	NBLT-0005QSZZ	AH		B	Delivery roller drive belt (AR-122E N/123E/152E N/153E N)
31	LPLTM0133QSZ1	AE		C	DUP motor sink (AR-157E N)
32	PSPAZ0017QSZZ	AK		C	DUP spacer (AR-157E N)
33	XEBSD30P100000	AA		C	Screw(3×10) (AR-157E N)
34	XHBSE30P060000	AA		C	Screw(3×6) (AR-157E N)
35	RMOTP0012QSZZ	AW		B	DUP transport motor (AR-157E N)
36	PSHEZ0156QSZZ	AE		C	Harness protection sheet (AR-157E N)
37	NBLTT0004QSZZ	AH		B	Belt (AR-157E N)
38	PSHEZ0155QSZZ	AD		C	Sheet (AR-157E N)
40	DHAi-0307QSZZ	AT	N	C	DVS harness CRUM2
41	LPLTM0149QSZZ	AD		C	Plate fixing connector
42	LX-BZ0020QSZZ	AB		C	Screw
43	LHLDW1334FCZZ	AA		C	Holder
44	XEBSD30P080000	AA		C	Screw(3×10)

11 Middle frame

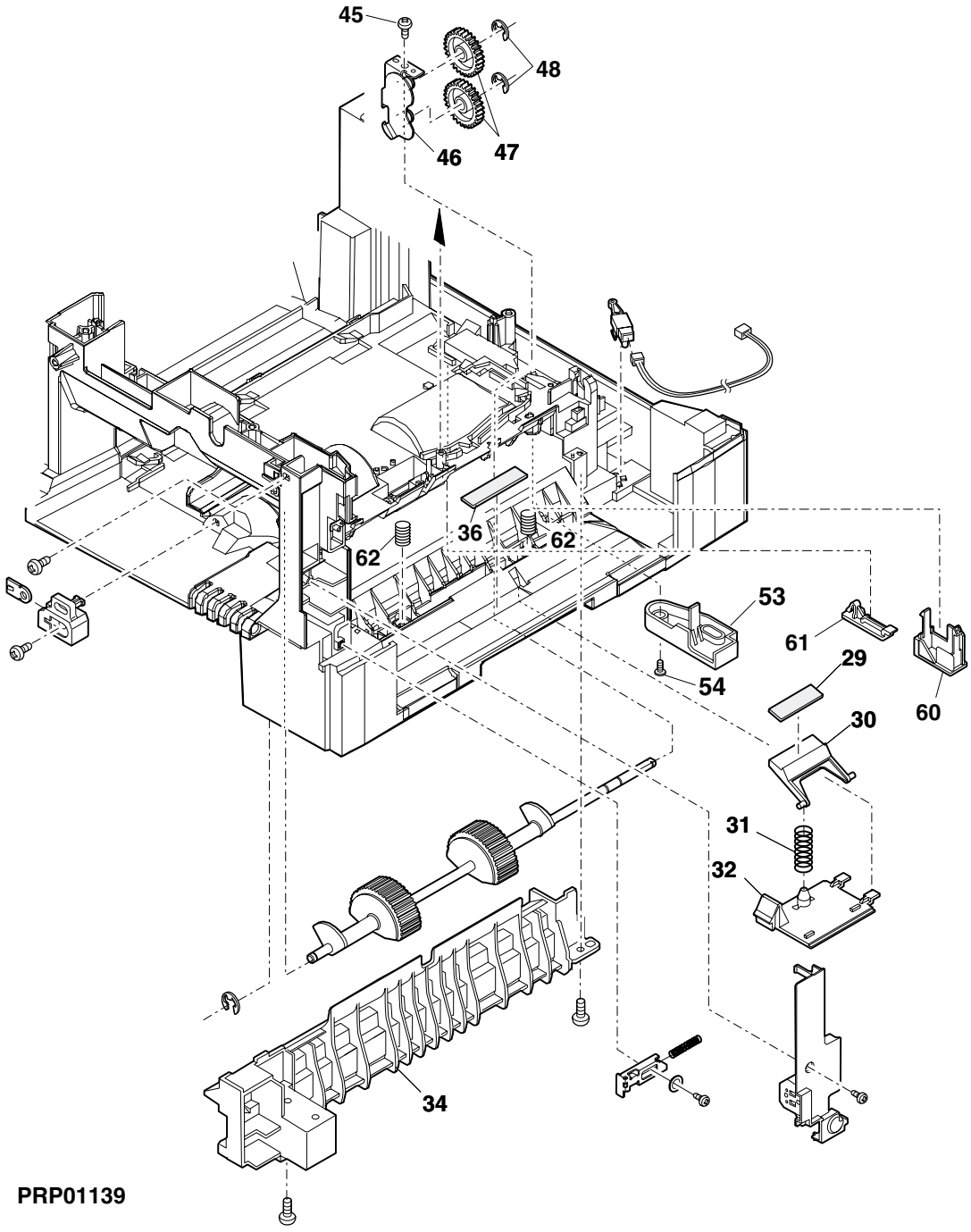


PRP01138

12 Base plate unit 1

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
29	PSHEZ2026FCZ1	AB		C	Sheet M1	(AR-153E N/157E N)
30	LHLDZ0017QSZZ	AD		C	Pressure plate holder	(AR-153E N/157E N)
31	MSPRC0047QSZZ	AA		C	Pressure plate spring	(AR-153E N/157E N)
32	PCOVP0013QSZZ	AD		D	Malti cover	(AR-153E N/157E N)
34	LRALP0001QSJ2	AM		C	Base plate rail R	
36	PSHEZ2174FCZZ	AB		C	Paper feeding sheet	(AR-153E N/157E N)
45	XEBSE40P12000	AA		C	Screw(4×12)	
46	CPLTM0038QS02	AG		C	2nd joint gear fixing plate	(AR-153E N/157E N)
47	NGERH1169FCZZ	AF		C	2nd joint gear	(AR-153E N/157E N)
48	XRESP70−08000	AA		C	E-ring	
53	PCOVP0051QSZZ	AF		D	OP gear cover	(AR-123E/153E N)
54	LX−BZ0700FCZZ	AA		C	Screw	(AR-123E/153E N)
60	PCOVP0008QSZZ	AE		C	2nd gear cover	(AR-122E N/152E N)
61	PCOVP0009QSZZ	AE		C	2nd connector cover	(AR-122E N/152E N)
62	MSPRC0037QSZZ	AB		C	Transport lower roller spring	(AR-122E N/123E/152E N)

12 Base plate unit 1

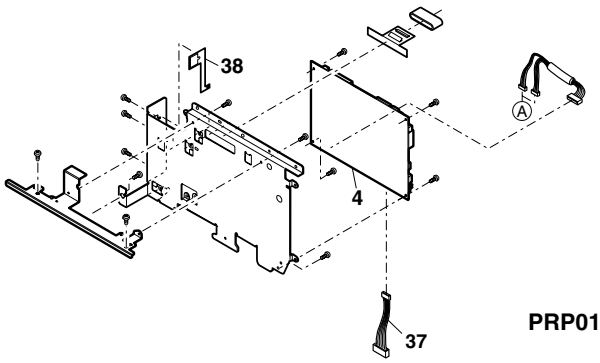


PRP01139

13 Base plate unit 2

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
4	CPWBX0121QS31	BX	N	E	MCU PWB	(AR-122E N)
	CPWBX0121QS32	BX	N	E	MCU PWB	(AR-152E N)
	CPWBX0121QS33	BY	N	E	MCU PWB	(AR-153E N)
	CPWBX0121QS34	BY	N	E	MCU PWB	(AR-157E N)
	CPWBX0121QS35	BY	N	E	MCU PWB	(AR-123E)
37	DHAi-0265QSZZ	AM		C	2NDCS interface harness	(AR-123E/153E N)
38	PSHEZ0405QSZZ	AE		C	Connector ground sheet	(Europe,AR-123E)

13 Base plate unit 2

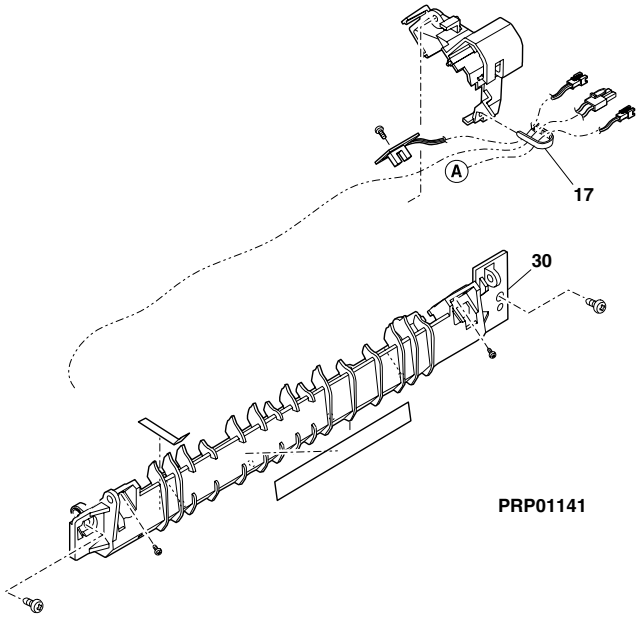


PRP01140

14 Fusing unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
17	LBNDJ0013FCZ1	AA		C	Wire band	(Europe)
	LBNDJ0037FCZ1	AA		C	Wire band	(Other Countries)
30	LFRM-0005QSZ1	AQ		D	Fusing lower frame	

14 Fusing unit

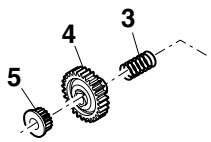


PRP01141

15 Drive unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
3	MSPRC0053QSZ1	AC		C	Pulley spring	(AR-122E N/123E/152E N/153E N)
4	NGERH0050QSZZ	AD		C	Ratchet gear(33T)	(AR-122E N/123E/152E N/153E N)
5	NPLYZ0002QSZZ	AC		C	Pulley(17T)	(AR-122E N/123E/152E N/153E N)
	(Unit)					
901	CPLTM0042RS55	BM		E	Drive unit[Except No.27]	(AR-122E N/123E/152E N/153E N)
	CPLTM0042RS56	BM		E	Drive unit[Except No.27]	(AR-157E N)

15 Drive unit

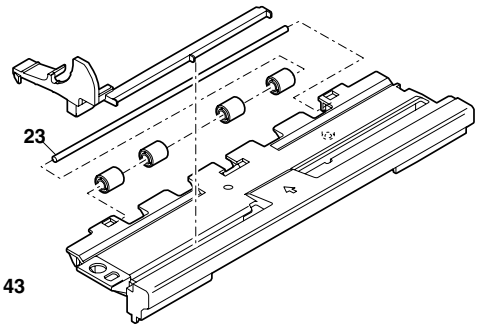


PRP01142

18 Single manual paper feeding unit (AR-122E N/123E/152E N)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
23	N S F T Z 0 0 0 7 Q S Z 1	AG		C	Roller shaft (Other Countries)
	N S F T Z 0 0 0 7 Q S Z Z	AG		C	Roller shaft (AR-122E N Europe,AR-152E N)

18 Single manual paper feeding unit (AR-122E N/123E/152E N)

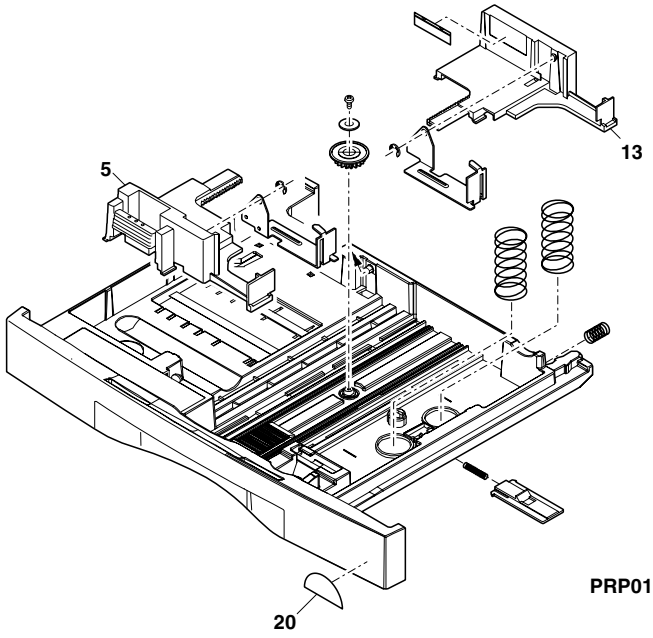


PRP01143

22 250 sheets tray

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
5	L P L T P 5 1 0 7 F C Z 1	AG		C	250 tray side plate F
13	L P L T P 5 1 0 8 F C Z 1	AG		C	250 tray side plate R
20	T L A B Z 4 0 4 7 F C Z Z	AC		C	Enagy star label (U.S.A,Europe,Australia,New zealand)

22 250 sheets tray

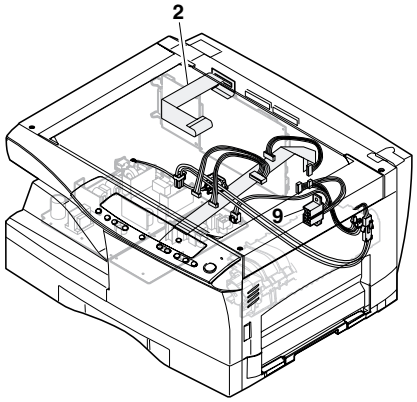


PRP01144

23 Harness

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
2	D H A i – 0 2 6 8 Q S Z Z	AZ		C	CCD-MCU harness (Other Countries)
	D H A i – 0 2 6 8 Q S Z 1	AH		C	CCD-MCU harness (Europe,AR-123E)
9	D H A i – 0 3 0 7 Q S Z Z	AT	N	C	DVS harness CRUM2

23 Harness

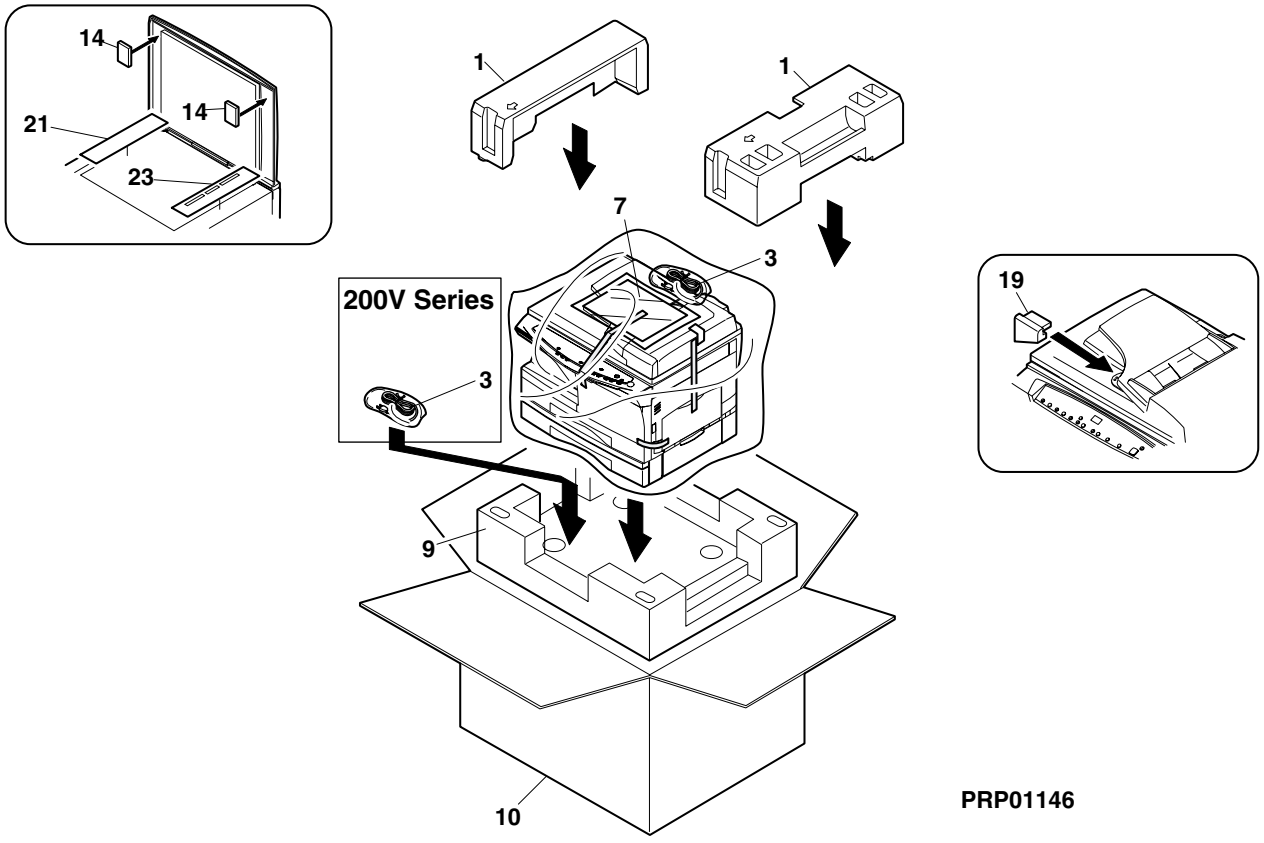


PRP01145

26 Packing material & accessories

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	SPAKA0408QSZZ	AN		D	Top packing OC	(AR-122E N/152E N)
	SPAKA0429QSZZ	AM		D	Top packing OC	(AR-123E/153E N)
	SPAKA0410QSZZ	AQ		D	Top packing DSPF	(AR-157E N)
⚠3	QACCB7521QCZZ	AS		B	AC cord	(Special Country,South africa,India)
⚠3	QACCB7622QCN1	AZ		B	AC cord	(Hong kong)
⚠3	QACCBR623QCPZ	AY		B	AC cord	(U.Kngdom,Yemen,South arabia,Oman,Qutar,Bahrain,Kuwait,UAE)
⚠3	QACCD761AQCZZ	BE		B	AC cord	(100V Series)
⚠3	QACCE7621QCZZ	*	N	B	AC cord	(Switzrland)
⚠3	QACCER622QCPZ	AQ		B	AC cord	(Other Countries)
⚠3	QACCF7620QCZZ	AX		B	AC cord	(Syngapore,Malaysia,Indonesia)
⚠3	QACCJ9610QCZZ	AR		B	AC cord	(Philippines)
⚠3	QACCLR622QCPZ	AR		B	AC cord	(Australia,New zealand)
⚠3	QACCV6621JHPZ	*		B	AC cord	(Europe)
7	TiNSA0820QSZZ	AW	N	D	Operation manual	(Arabic)
	TiNSE0819QSZZ	AY	N	D	Operation manual	(English)
	TiNSE0821QSZZ	AW	N	D	Operation manual	(English(Hong kong))
	TiNSE0825QSZZ	AW	N	D	Operation manual	(English(U.S.A))
	TiNSF0822QSZZ	AY	N	D	Operation manual	(English,French,Arabic)
	TiNSF0839QSZZ	AY	N	D	Operation manual	(English)
	TiNSZ0823TSZZ	*	N	D	Operation manual	(English,German,Swedish,Dutch,Italian,Finnish,Norwegian,Danish)
	TiNSZ0824TSZZ	*	N	D	Operation manual	(English,German,Swedish,Dutch,Italian,Finnish,Norwegian,Danish)
	GCŌVZ0149FCZZ	AU		D	Dust cover A3A	(AR-122E N Except Australia,New zealand,Philippines,Syngapore,Malaysia, Indonesia,Hong kong,India,South africa,STCL)
	TCADZ0049QSZZ	AH		D	Installation card	(Europe)
9	SPAKA0405QSZZ	AN		D	Bottom packing	(AR-122E N/152E N)
	SPAKA0406QSZZ	AS		D	Bottom packing	(AR-123E/153E N)
	SPAKA0407QSZZ	AS		D	Bottom packing	(AR-157E N)
10	SPAKC0402RS24	AX	N	D	Packing case	(AR-122E N Other Countries)
	SPAKC0402TS26	*	N	D	Packing case	(AR-122E N Europe)
	SPAKC0402TS27	*	N	D	Packing case	(AR-152E N)
	SPAKC0404RS16	AY	N	D	Packing case	(AR-157E N)
	SPAKC0428RS11	AY	N	D	Packing case	(AR-153E N)
	SPAKC0428RS12	AY	N	D	Packing case	(AR-123E STCL)
	SPAKC0428RS14	AY	N	D	Packing case	(AR-123E Philippines)
14	SPAKA0051RSZZ	AC		D	OC packing	(AR-122E N/123E/152E N/153E N)
	SPAKA0163RSZZ	AC		D	OC packing(DSPF)	(AR-157E N)
19	SPAKA0421QSZZ	AC		D	Middle tray packing	(AR-157E N)
21	SPAKA5116FCZZ	AB		D	SPF protect sheet	(AR-157E N)
23	SPAKA0432QSZZ	AC		D	SPF protect sheet JAG	(AR-157E N)

26 Packing material & accessories



PRP01146

28 MCU PWB

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
2	QCNCM0923FC14	AE		C	Connector(14pin)	(AR-123E/153E N/157E N)[CN115]
4	QCNCM0923FC24	AF		C	Connector(24pin)	[CN101]
	QCNCM0923FC24	AF		C	Connector(24pin)	(AR-123E/153E N/157E N)[CN122]
5	QCNCW0948FCZ5	AC		C	Connector(5pin)	(AR-157E N)[CN114]
8	QCNCM2401SC0D	AC		C	Connector(4pin)	[CN103]
10	QCNCM7014SC0C	AA		C	Connector(3pin)	[CN113,CN110]
	QCNCM7014SC0C	AA		C	Connector(3pin)	(AR-123E/153E N/157E N)[CN109]
29	RH-iX0001QSZZ	BD		B	IC(MT48LC8M16ATG-8E)	(AR-157E N)[IC110]
30	RH-iX0002QSZZ	AZ		B	IC(MT48LC4M16ATG-8E)	(AR-122E N/123E/152E N/153E N)[IC110]
41	VCCCCZ1HH470J	AA		C	Capacitor(50WV 47pF)	[C126,C315,C316,C317,C318]
	VCCCCZ1HH470J	AA		C	Capacitor(50WV 47pF)	[C319,C320,C321,C166,C341]
45	VCEAGA1CW476M	AB		C	Capacitor(16WV 47µF)	[C139]
	VCEAGA1CW476M	AB		C	Capacitor(16WV 47µF)	(AR-123E/153E N/157E N)[C217,C219]
49	VCKYCY1HB104K	AA		C	Capacitor(50WV 0.10µF)	[C277,C313,C314,C209,C210]
	VCKYCY1HB104K	AA		C	Capacitor(50WV 0.10µF)	[C213,C334,C335,C301,C339]
51	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C101,C107,C108,C110,C111]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C112,C113,C114,C115,C124]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C128,C129,C130,C131]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C132,C133,C134,C135,C136]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C137,C138,C140,C141,C142]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C143,C144,C145,C146,C147]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C148,C149,C150,C151,C152]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C153,C154,C155,C156,C157]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C158,C159,C160,C161,C162]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C164,C168,C170]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C173,C176,C177,C178,C179]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C180,C181,C182,C183,C184]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C185,C187,C189,C193,C195]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C196,C198,C199,C205,C207]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C220,C260,C283,C285,C288]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10µF)	[C289,C308,C323,C328,C337,C338]
56	VHDKDS121++-1	AC		B	Diode(KDS121)	[D116,D117,D118,D125,D126]
	VHDKDS121++-1	AC		B	Diode(KDS121)	[D130,D131,D132,D136,D141]
58	VHEMTZJ22B/-1	AA		B	Zener diode(MTZJ22B)	(AR-157E N)[D109]
60	VHi74HC151M-1	AD		B	IC(74HC151M)	[IC114,IC115]
	VHi74HC151M-1	AD		B	IC(74HC151M)	(AR-123E/153E N/157E N)[IC117]
65	VHiH8S2321+-1	AX		B	IC(H8S/2321)	[IC103]
73	VHiMTD1361F-1	AR		B	IC(MTD1361F)	(AR-123E/153E N/157E N)[IC128]
75	VHiNC7ST08M-1	AD		B	IC(NC7ST08M)	[IC107,IC133]
77	VHiTD62064AF/	AM		B	IC(TD62064AF)	(AR-157E N)[IC123]
	VHiTD62064AF/	AM		B	IC(TD62064AF)	(AR-123E/153E N/157E N)[IC126]
80	VRD-HT2EY151J	AA		C	Resistor(1/4W 150Ω ±5%)	(AR-123E/153E N/157E N)[R251]
85	VRS-CZ1JD100J	AA		C	Resistor(1/16W 10Ω ±5%)	[R144,R145,R149,R267,R272]
90	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R108,R111,R112,R115,R118]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R122,R123,R124,R125,R126]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R127,R128,R137,R140,R141]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R146,R147,R148,R172,R189]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R208,R209,R210,R212,R213]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R221,R222,R224,R228,R233]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R234,R238,R242,R248,R249,R250]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R266,R263,R269,R271,R283]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R284,R290,R286,R292]
103	VRS-CZ1JD301J	AA		C	Resistor(1/16W 300Ω ±5%)	[R169,R199,R272,R274]
109	VRS-CZ1JD562J	AA		C	Resistor(1/16W 560Ω ±5%)	[R239]
119	VRS-HT3DA1R0J	AB		C	Resistor(2W 1.0Ω ±5%)	(AR-123E/153E N/157E N)[R206,R197]
128	VCCCCY1HH470J	AA		C	Capacitor(50WV 47pF)	[C336]
129	VHDKDS120++-1	AC	N	B	Diode(KDS120)	[D121,D122,D123,D128,D129]
	VHDKDS120++-1	AC	N	B	Diode(KDS120)	[D133,D134,D135,D137,D142]
130	VHiLVX4245M-1	AL		B	IC(74LVX4245MTCX)	[IC32]
	(Unit)					
901	CPWBX0121QS31	BX	N	E	MCU PWB	(AR-122E N)
	CPWBX0121QS32	BX	N	E	MCU PWB	(AR-152E N)
	CPWBX0121QS33	BY	N	E	MCU PWB	(AR-153E N)
	CPWBX0121QS34	BY	N	E	MCU PWB	(AR-157E N)
	CPWBX0121QS35	BY	N	E	MCU PWB	(AR-123E)

■ Index

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
【C】					
CCAB-0003QS23	1- 1	AS		D	
CCAB-0003QS26	1- 1	AS		D	
CPLTM0038QS02	12- 46	AG		C	
CPLTM0042RS55	15-901	BM		E	
CPLTM0042RS56	15-901	BM		E	
CPNLH0023QS26	6- 1	AT	N	D	
CPNLH0023QS27	6- 1	AT	N	D	
CPNLH0023QS28	6- 1	AT	N	D	
CPNLH0023QS29	6- 1	AT	N	D	
CPNLH0023QS30	6- 1	AT	N	D	
CPNLH0023QS33	6- 1	AT	N	D	
CPNLH0023QS43	6- 1	AT	N	D	
CPWBF0113QSE8	6- 8	BB		E	
CPWBF0113QSE9	6- 8	BB		E	
CPWBF0113QSF0	6- 8	BB		E	
CPWBX0121QS31	13- 4	BX	N	E	
〃	28-901	BX	N	E	
CPWBX0121QS32	13- 4	BX	N	E	
〃	28-901	BX	N	E	
CPWBX0121QS33	13- 4	BY	N	E	
〃	28-901	BY	N	E	
CPWBX0121QS34	13- 4	BY	N	E	
〃	28-901	BY	N	E	
CPWBX0121QS35	13- 4	BY	N	E	
〃	28-901	BY	N	E	
【D】					
DHAi-0265QSZZ	13- 37	AM		C	
DHAi-0268QSZ1	23- 2	AH		C	
〃	8- 40	AH		C	
DHAi-0268QSZZ	23- 2	AZ		C	
〃	8- 40	AZ		C	
DHAi-0303QSZZ	8- 37	AD		C	
DHAi-0304QSZZ	4- 11	AP		C	
DHAi-0307QSZZ	11- 40	AT	N	C	
〃	23- 9	AT	N	C	
DUNT-0276QS11	8- 6	BT		E	
DUNT-0276QSZZ	8- 6	BT		E	
【G】					
GCAB-0021QSJ1	1- 18	AY		D	
GCAB-0026QSJ2	1- 18	AZ		D	
GCAB-0062QSZ1	1- 17	AL		D	
GCAB-0062QSZZ	1- 17	AL		D	
GCOV-0045QSZ1	1- 12	AG		D	
GCOV-0045QSZZ	1- 12	AG		D	
GCOVZ0149FCZZ	26- 7	AU		D	
【L】					
LBNDJ0013FCZ1	14- 17	AA		C	
LBNDJ0037FCZ1	14- 17	AA		C	
LFRM-0005QSZ1	14- 30	AQ		D	
LHLDW1334FCZZ	11- 43	AA		C	
LHLDZ0017QSZZ	12- 30	AD		C	
LPLTM0043QSZZ	7- 5	AD		C	
LPLTM0132QSZZ	7- 5	AH		C	
LPLTM0133QSZ1	11- 31	AE		C	
LPLTM0149QSZZ	11- 41	AD		C	
LPLTP0131QSZZ	8- 33	AD		C	
LPLTP5107FCZ1	22- 5	AG		C	
LPLTP5108FCZ1	22- 13	AG		C	
LRALP0001QSJ2	12- 34	AM		C	
LX-BZ0020QSZZ	11- 42	AB		C	
LX-BZ0700FCZZ	12- 54	AA		C	
【M】					
MLEVP0047QSE1	8- 34	AD		C	
MSPRC0037QSZZ	12- 62	AB		C	
MSPRC0047QSZZ	12- 31	AA		C	
MSPRC0050QSZZ	7- 25	AB		C	
MSPRC0053QSZ1	15- 3	AC		C	
MSPRC0153QSZZ	8- 35	AB		C	
【N】					
NBLT-0005QSZZ	11- 5	AH		B	
NBLTT0004QSZZ	11- 37	AH		B	
NGERH0048QSZZ	7- 22	AE		C	
NGERH0050QSZZ	15- 4	AD		C	
NGERH0051QSZZ	7- 23	AE		C	
NGERH1169FCZZ	12- 47	AF		C	
NPLYZ0002QSZZ	15- 5	AC		C	
NROLP0025QSZZ	7- 24	AM		C	
NROLP1122FCZZ	7- 26	AF		C	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
NSFTZ0007QSZ1	18- 23	AG		C	
NSFTZ0007QSZZ	18- 23	AG		C	
【P】					
PBRSR0002QSZ1	8- 17	AH		B	
PBRSR0002QSZ2	8- 17	AG		B	
PCOVP0008QSZZ	12- 60	AE		C	
PCOVP0009QSZZ	12- 61	AE		C	
PCOVP0013QSZZ	12- 32	AD		D	
PCOVP0035QSJZ	1- 16	AL		D	
PCOVP0040QSJZ	1- 16	AL		D	
PCOVP0051QSZZ	12- 53	AF		D	
PCUSS0025QSZ1	3- 56	AQ		D	
PGiDM0019QSJZ	8- 29	AH		C	
PGiDM0020QSJZ	8- 30	AH		C	
PGiDM0059QSJZ	8- 29	AG		C	
PGiDM0060QSJZ	8- 30	AF		C	
PGLSP0008QSZZ	1- 23	AH		B	
PMLT-0068QSZZ	8- 47	AC		C	
PMLT-0069QSZZ	1- 27	AA		C	
PSHEZ0155QSZZ	11- 38	AD		C	
PSHEZ0156QSZZ	11- 36	AE		C	
PSHEZ0181QSJZ	1- 24	AC		C	
PSHEZ0389QSZ1	8- 39	AK		C	
PSHEZ0389QSZZ	8- 39	AH		C	
PSHEZ0400QSZZ	8- 48	AG		C	
PSHEZ0401QSZZ	8- 45	AG		C	
PSHEZ0402QSZZ	10- 16	AG		C	
PSHEZ0403QSZZ	8- 44	AG		C	
PSHEZ0404QSZZ	1- 28	AF		C	
PSHEZ0405QSZZ	13- 38	AE		C	
PSHEZ2026FCZ1	12- 29	AB		C	
PSHEZ2174FCZZ	12- 36	AB		C	
PSPAZ0017QSZZ	11- 32	AK		C	
PTPE-0010QSZZ	1- 25	AC		C	
PTPE-0044QSZZ	1- 22	AC		C	
PTPE-0046QSZZ	8- 46	AB		C	
PTPE-0047QSZZ	1- 29	AC		C	
PTPE-0048QSZZ	1- 30	AA		C	
PTPE-0049QSZZ	1- 31	AC		C	
PTUBP0005QSZZ	10- 13	AC		C	
【Q】					
QACCB7521QCZZ	26- 3	AS		B	
QACCB7622QCN1	26- 3	AZ		B	
QACCBR623QCPZ	26- 3	AY		B	
QACCD761AQCZZ	26- 3	BE		B	
QACCE7621QCZZ	26- 3	*	N	B	
QACCER622QCPZ	26- 3	AQ		B	
QACCF7620QCZZ	26- 3	AX		B	
QACCJ9610QCZZ	26- 3	AR		B	
QACCLR622QCPZ	26- 3	AR		B	
QACCV6621JHPZ	26- 3	*		B	
QCNCM0923FC14	28- 2	AE		C	
QCNCM0923FC24	28- 4	AF		C	
QCNCM2401SC0D	28- 8	AC		C	
QCNCM7014SC0C	28- 10	AA		C	
QCNCW0948FCZ5	28- 5	AC		C	
【R】					
RCORF0018QSZZ	10- 15	AR		C	
RH-iX0001QSZZ	28- 29	BD		B	
RH-iX0002QSZZ	28- 30	AZ		B	
RMOTP0012QSZZ	11- 35	AW		B	
【S】					
SPAKA0051RSZZ	26- 14	AC		D	
SPAKA0163RSZZ	26- 14	AC		D	
SPAKA0405QSZZ	26- 9	AN		D	
SPAKA0406QSZZ	26- 9	AS		D	
SPAKA0407QSZZ	26- 9	AS		D	
SPAKA0408QSZZ	26- 1	AN		D	
SPAKA0410QSZZ	26- 1	AQ		D	
SPAKA0421QSZZ	26- 19	AC		D	
SPAKA0429QSZZ	26- 1	AM		D	
SPAKA0432QSZZ	26- 23	AC		D	
SPAKA5116FCZZ	26- 21	AB		D	
SPAKC0402RS24	26- 10	AX	N	D	
SPAKC0402TS26	26- 10	*	N	D	
SPAKC0402TS27	26- 10	*	N	D	
SPAKC0404RS16	26- 10	AY	N	D	
SPAKC0428RS11	26- 10	AY	N	D	
SPAKC0428RS12	26- 10	AY	N	D	
SPAKC0428RS14	26- 10	AY	N	D	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
【T】					
TCADZ0049QSZZ	26- 7	AH		D	
TiNSA0820QSZZ	26- 7	AW	N	D	
TiNSE0819QSZZ	26- 7	AY	N	D	
TiNSE0821QSZZ	26- 7	AW	N	D	
TiNSE0825QSZZ	26- 7	AW	N	D	
TiNSF0822QSZZ	26- 7	AY	N	D	
TiNSF0839QSZZ	26- 7	AY	N	D	
TiNSZ0823TSZZ	26- 7	*	N	D	
TiNSZ0824TSZZ	26- 7	*	N	D	
TLABZ0058QSZZ	1- 26	AD		D	
TLABZ4047FCZZ	22- 20	AC		C	
【V】					
VCCCCY1HH470J	28-128	AA		C	
VCCCCZ1HH470J	28- 41	AA		C	
VCEAGA1CW476M	28- 45	AB		C	
VCKYCY1HB104K	28- 49	AA		C	
VCKYCZ1CF104Z	28- 51	AB		C	
VHDKDS120++-1	28-129	AC	N	B	
VHDKDS121++-1	28- 56	AC		B	
VHEMTZJ22B/-1	28- 58	AA		B	
VHi74HC151M-1	28- 60	AD		B	
VHiH8S2321+-1	28- 65	AX		B	
VHiLVX4245M-1	28-130	AL		B	
VHiMTD1361F-1	28- 73	AR		B	
VHiNC7ST08M-1	28- 75	AD		B	
VHiTD62064AF/	28- 77	AM		B	
VHPGP1A71A1-1	8- 36	AG		B	
VRD-HT2EY151J	28- 80	AA		C	
VRS-CZ1JD100J	28- 85	AA		C	
VRS-CZ1JD103J	28- 90	AA		C	
VRS-CZ1JD301J	28-103	AA		C	
VRS-CZ1JD562J	28-109	AA		C	
VRS-HT3DA1R0J	28-119	AB		C	
【X】					
XEBSD30P08000	11- 44	AA		C	
XEBSD30P10000	11- 33	AA		C	
XEBSE40P12000	12- 45	AA		C	
XEPSD30P08X00	7- 21	AA		C	
XHBSE30P06000	11- 34	AA		C	
XRESP70-08000	12- 48	AA		C	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	

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SHARP CORPORATION
Digital Document System Group
Products Quality Assurance Department
Yamatokoriyama, Nara 639-1186, Japan
2002 September Printed in Japan